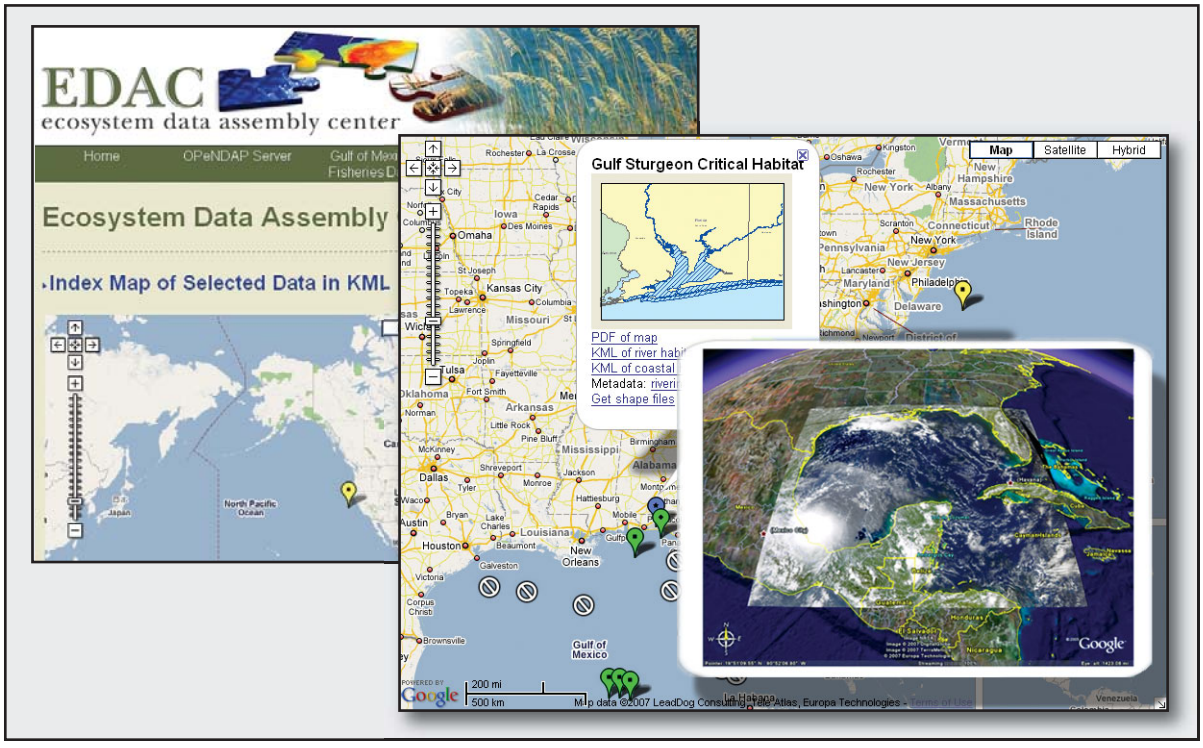
National Coastal Data Development Center

www.ncddc.noaa.gov

The Ecosystem Data Assembly Center (EDAC) directly supports the work of the Northern Gulf Institute (NGI), a NOAA Cooperative Institute. Working in conjunction with the NGI, the EDAC is developing the Information Technology (IT) infrastructure to support ecosystem observations data and other related data collected in the Gulf. These data will be made available to scientists and researchers via the EDAC to support their research interests and to increase their knowledge of the unique physical, biological, and chemical characteristics of the Gulf of Mexico Regional Ecosystem.

Data can be accessed by OPeNDAP users, GIS professionals and the general public. The OPeNDAP system is used by scientists and other coastal zone professionals providing access and download capability for Gulf of Mexico oceanographic imagery products (MODIS), Navy's Modular Ocean Data Assimilation System data (MODAS) and Naval Oceanographic Office modeling (NCOM) data for public domain use. GIS shapefile data are available for direct download via HTML link, with sample PDF maps provided for contextual visualization. Google Earth KML files are also provided for select data sets allowing users to quickly visualize imagery / products and select areas of interest to potentially download via the OPeNDAP or GIS access. The Google Earth component also provides access for non technical coastal zone professionals and the general public.



Participants and Partners:

- National Marine Fisheries Service
- Northern Gulf Institute
- Naval Research Laboratory
- Naval Oceanographic Office
- Radiance Technologies
- Dauphin Island Sea Lab
- Louisiana State University
- NOAA Center for Coastal Environmental Health and Biomolecular Research

For more information:

- Russ Beard, Director NCDDC, EDAC Principal Investigator
- Rost Parsons, PhD, NCDDC Chief Scientist (rost.parsons@noaa.gov)
- Please visit our website: **http://edac.northerngulfinstitute.org**

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